

# WEST Search History

DATE: Monday, April 07, 2003

## Set Name Query side by side

## Hit Count Set Name result set

*DB=USPT; PLUR=YES; OP=ADJ*

L19 air cushion\$ film same bubble

2 L19

L18 foam and l17

4 L18

L17 air cushion\$ film

20 L17

*DB=DWPI; PLUR=YES; OP=ADJ*

L16 L15 not l8

217 L16

L15 l4 and (sew\$ or stitch\$) and l7

218 L15

L14 l6 and (sew\$ or stitch\$)

1 L14

*DB=JPAB; PLUR=YES; OP=ADJ*

L13 l11 and l12

81 L13

L12 sew\$ or stitch\$

28714 L12

L11 l9 and l10

5355 L11

L10 magnet\$ or ferromagnet\$ or feromagnet\$

339780 L10

L9 fiber or fibre or yarn or thread or filament\$

241113 L9

*DB=DWPI; PLUR=YES; OP=ADJ*

L8 l6 and l7

17 L8

L7 fiber or fibre or yarn or thread or filament\$

604687 L7

L6 l4 and l5

352 L6

L5 sheath core or bicomponent or bi component or conjugate

22084 L5

L4 magnet\$ or ferromagnet\$ or feromagnet\$

460331 L4

*DB=USPT; PLUR=YES; OP=ADJ*

L3 l1 and L2

24 L3

L2 magnet\$ or ferromagnet\$ or feromagnet\$

423567 L2

L1 ((442/361 |442/362 |442/363 |442/364 |442/365 )!.CCLS. )

390 L1

END OF SEARCH HISTORY

## WEST Search History

DATE: Monday, April 07, 2003

**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT; PLUR=YES; OP=ADJ*

L4 L3 and (magnet\$ or ferromagnet\$ or feromagnet\$)

16 L4

L3 slit film same (fiber or fibre or filament\$)

148 L3

*DB=DWPI; PLUR=YES; OP=ADJ*

L2 slit film and (magnet\$ or ferromagnet\$ or feromagnet\$)

8 L2

*DB=USPT; PLUR=YES; OP=ADJ*

L1 slit film same magnet\$

19 L1

END OF SEARCH HISTORY

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L8: Entry 16 of 17

File: DWPI

Oct 15, 1982

DERWENT-ACC-NO: 1982-00946J  
DERWENT-WEEK: 198247  
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TITLE: Magnetic filament manufacture - used as core of coil or transformer

## PATENT-ASSIGNEE:

ASSIGNEE	CODE
KANEBO GOSEN KK	KANB
KANEBO LTD	KANE

PRIORITY-DATA: 1980JP-0163755 (November 19, 1980)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 57167416 A	October 15, 1982		008	
JP 86001525 B	January 17, 1986		000	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 57167416A	November 19, 1980	1980JP-0163755	

INT-CL (IPC): D01F 8/04; G11B 5/74; H01F 1/00

ABSTRACTED-PUB-NO: JP 57167416A

## BASIC-ABSTRACT:

Mfr. of a magnetic filament used as the core of a coil or transformer is described. Specifically the magnetic filament consists of a magnetic layer and a protective layer. The magnetic layer is a polymer e.g. polyester or polyamide which consists of more than 0.2% magnetic particles. Fe, Ni or Co is pref. used as the magnetic particles. The polyamide, polyester, or polyolefin is pref. used as the protective layer. Both the magnetic and the protective layers are joined to each other as a sheath-core type or side by side type conjugated filament. It is pref. that the ratio of the magnetic layer to the protective layer is 0.25-4 and that the fineness of the magnetic filament is 0.1-100 denier.

The magnetic filament is produced easily and uniformly.TITLE-TERMS: MAGNETIC FILAMENT MANUFACTURE CORE COIL TRANSFORMER

## ADDL-INDEXING-TERMS:

POLYESTER POLYOLEFIN NICKEL@ POLYAMIDE IRON@ COBALT@

DERWENT-CLASS: A17 A23 A85 F01 L03

CPI-CODES: A08-M09; A08-R05; A12-E08; A12-S05B; F01-E01; F04-G; L03-B02C; L03-B02D;

## POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0232 1283 1291 2220 2525 2555 2654 3281 2742

Multipunch Codes: 013 04- 041 046 141 143 144 308 33& 481 50& 506 575 596 623 627 654  
688 694 013 04- 041 046 141 143 144 308 33& 481 50& 506 575 596 623 627 654 688 694

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L8: Entry 13 of 17

File: DWPI

Oct 1, 1984

DERWENT-ACC-NO: 1984-279838

DERWENT-WEEK: 198445

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TITLE: Heat-adhesive magnetic fibre for magnetic shielding material etc. - comprises 1st and 2nd components, e.g. polypropylene and polyethylene, in sheath-core or parallel arrangement contg. magnetic material

PATENT-ASSIGNEE:

ASSIGNEE  
CHISSO CORPCODE  
CHCC

PRIORITY-DATA: 1983JP-0048436 (March 23, 1983)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 59173312 A	October 1, 1984		006	

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 59173312A	March 23, 1983	1983JP-0048436	

INT-CL (IPC): D01F 8/00; H01F 1/14

ABSTRACTED-PUB-NO: JP 59173312A  
BASIC-ABSTRACT:

Magnetic material is incorporated into a first component consisting of fibre-forming polymer and/or a second component whose m.pt. is more than 20 deg.C lower than that of the first component. The components are elements of heat-adhesive composite fibre the first and second components being assembled in a parallel-type or sheath-core type arrangement in such a manner that the circumference ratio of cross section of fibre consisting of the second component is 50-100%.

USE - As magnetic shielding material of electronic devices, radio wave absorbing material and magnetic filter.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: HEAT ADHESIVE MAGNETIC FIBRE MAGNETIC SHIELD MATERIAL COMPRISE COMPONENT POLYPROPYLENE POLYETHYLENE SHEATH CORE PARALLEL ARRANGE CONTAIN MAGNETIC MATERIAL

DERWENT-CLASS: A85 F01 L03 V02 V04

CPI-CODES: A12-A05; A12-E08; A12-S05B; F01-D; F01-E01; F04-E; L03-B02; L03-G;

EPI-CODES: V02-A02A; V04-U;

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0231 0239 0248 2525 2549 2555 3252 2667 2669 2682 2684 2742 2743

Multipunch Codes: 014 04- 041 046 047 050 33& 331 36& 481 504 506 507 54& 597 600 604  
608 609 623 627 688 694 722

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1984-118905

Non-CPI Secondary Accession Numbers: N1984-208810

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L13: Entry 3 of 81

File: JPAB

Aug 21, 2001

PUB-NO: JP02001226802A

DOCUMENT-IDENTIFIER: JP 2001226802 A

TITLE: KNITTED PRODUCT WITH SPECIAL FIBER TO BE CONTACTED WITH SKIN

PUBN-DATE: August 21, 2001

## INVENTOR-INFORMATION:

NAME

COUNTRY

HASEGAWA, HISATAKE

HASEGAWA, TETSUO

HASEGAWA, YUICHI

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

HASEGAWA HISATAKE

HASEGAWA TETSUO

APPL-NO: JP2000073116

APPL-DATE: February 8, 2000

INT-CL (IPC): A41 B 11/00; A41 B 9/00; A41 B 17/00; A41 D 31/00; A61 F 13/00; D04 B 1/00; D04 B 1/14; D04 B 1/24; D04 B 1/26; D04 B 1/28

## ABSTRACT:

PROBLEM TO BE SOLVED: To provide a knitted product enabling the effect of special fibers to effectively act on the skin through having the fibers contacted with the skin.

SOLUTION: This knitted product with special fibers 19 to be contacted with the skin including magnetic, copper, silver-plated, or ceramic fibers, is such one as to include socks, supporters, shoulder pads, bellybands, underwear or gloves; wherein the product is constituted of double knitted fabrics composed of outer knitted fabrics 11 and knitted fabrics 1 inside the skin, and of plaiting stitch construction knitted with front and under yarns, more precisely the plaiting stitch construction knitted with the front yarn and yarn under the skin, and the special fibers are used for the under yarns.

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L13: Entry 13 of 81

File: JPAB

Jun 22, 1999

PUB-NO: JP411164896A

DOCUMENT-IDENTIFIER: JP 11164896 A

TITLE: STIFF SHOULDER PREVENTIVE MAGNETIC UNDERWEAR VEST

PUBN-DATE: June 22, 1999

## INVENTOR-INFORMATION:

NAME

COUNTRY

DOI, KENICHI

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

DOI KENICHI

APPL-NO: JP09366131

APPL-DATE: December 2, 1997

INT-CL (IPC): A61 N 2/08

## ABSTRACT:

PROBLEM TO BE SOLVED: To provide a stiff shoulder preventive magnetic underwear vest for preventing shoulders from stiffening and moderating the stiff shoulders just by wearing it as a part of underwear.

SOLUTION: The stiff shoulder preventive magnetic underwear vest 1 has ferrite magnets 2 attached to positions near shoulders. When using this, just by wearing the underwear vest 1 directly on a skin, the lines of magnetic force of the attached ring-shaped ferrite magnets 2 promote blood circulation and soften muscles, thereby preventing shoulders from stiffening. Also, it is possible to pass threads into stitch holes provided in flat plate-like ferrite magnets 2 and sew them to the underwear vest 1.

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L13: Entry 80 of 81

File: JPAB

Jul 28, 1980

PUB-NO: JP355098909A  
DOCUMENT-IDENTIFIER: JP 55098909 A  
TITLE: FIBER AND SEWN PRODUCT

PUBN-DATE: July 28, 1980

## INVENTOR-INFORMATION:

NAME

COUNTRY

NAITO, TAKESHI

## ASSIGNEE-INFORMATION:

NAME

COUNTRY

NAITO TAKESHI

APPL-NO: JP54006097

APPL-DATE: January 24, 1979

INT-CL (IPC): D01F 1/10; D03D 15/00

## ABSTRACT:

PURPOSE: To obtain magnetizable fibers suitable for magnetic medical instruments or iron powder collecting filters, by making an organic polymer comprising finely divided ferromagnetic substance having a specific coercive force on magenetization into fibers.

CONSTITUTION: An organic polymer, e.g. polyolefin, polyamide or polyester, is incorporated with preferably 10&sim;40wt% of a finely divided ferromagnetic substance, e.g. an intermetallic compound between Co and a rare earth element, having a coercive force  $\geq 5,000$  oersted and an average particle size  $\leq 2\mu$ , preferably  $\leq 1\mu$ . The resulting mixtue is spun into the desired fibers.

EFFECT: Processable into any shape due to the fibrous material.

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L8: Entry 6 of 17

File: DWPI

Apr 19, 1994

DERWENT-ACC-NO: 1994-164464

DERWENT-WEEK: 200113

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TITLE: Conjugate magnetic fibre for bedding material, pen wadding material etc. - composed of protection component of fibre forming thermoplastic polymer and polymer layer component contg. magnetic particles

PATENT-ASSIGNEE:

ASSIGNEE

CODE

KURARAY CO LTD

KURS

PRIORITY-DATA: 1992JP-0257838 (September 28, 1992)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 06108309 A	April 19, 1994		005	D01F008/04
JP 3128349 B2	January 29, 2001		005	D01F008/04

APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
JP 06108309A	September 28, 1992	1992JP-0257838	
JP 3128349B2	September 28, 1992	1992JP-0257838	
JP 3128349B2		JP 6108309	Previous Publ.

INT-CL (IPC): A61N 2/08; B01D 35/06; D01F 1/10; D01F 6/90; D01F 8/04; D02G 3/02; D03D 15/00; H01F 1/113

ABSTRACTED-PUB-NO: JP 06108309A

BASIC-ABSTRACT:

Fibre is composed of protection component (A) comprising fibre forming thermoplastic polymer and polymer layer component (B) contg. 5-85 wt.% of magnetic particles. The magnetic particle is a mixt. of particle (D1) existing in mixt. of particle (D1) as 0.1 - 0.5 micron of the local max. point and particle (D2) as 0.8-2.0 micron of the local max point in the particle size distribution curve represented by sedimentation particle, by centrifugal gravity sedimentation process. The wt. ratio (D1/D2) is 10/90 - 90/10.

The magnetic powder includes metal e.g. Fe, Co and alloy oxide, ferrite, esp. inter-metallic cpd. as samarium.cobalt magnetic material, ferrite cpd. e.g. strontium ferrite is pref.

USE/ADVANTAGE - Used e.g. as health material, bedding material, mat, filter materials for recovering magnetic powder, pen wadding materials preventing coagulation of ink and maintaining ink dispersibility. The conjugate magnetic fibre has excellent magnetic performance, and excellent spinnability and fibre mechanical property.

CHOSEN-DRAWING: Dwg.0/8

TITLE-TERMS: CONJUGATE MAGNETIC FIBRE BEDDING MATERIAL PEN WADDING MATERIAL COMPOSE PROTECT COMPONENT FIBRE FORMING THERMOPLASTIC POLYMER POLYMER LAYER COMPONENT CONTAIN MAGNETIC PARTICLE

DERWENT-CLASS: A94 F01 L03 P34 V02

CPI-CODES: A08-M09A; A09-A04; A12-D01; A12-S05B; A12-S05G; F01-E01; F02-C01; F03-C;  
F04-D01; L03-B02A6; L03-B02B;

EPI-CODES: V02-A01B;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1508U

ENHANCED-POLYMER-INDEXING:

Polymer Index [1.1] 017 ; H0317 ; S9999 S1138 S1116 S1105 S1070 Polymer Index [1.2] 017  
; ND10 ; B9999 B3327 B3190 ; Q9999 Q7987\*R ; Q9999 Q7567 ; Q9999 Q8231 Q8173 ; B9999  
B3747\*R ; K9574 K9483 Polymer Index [2.1] 017 ; P0000 ; S9999 S1127 S1116 S1105 S1070  
Polymer Index [2.2] 017 ; ND10 ; B9999 B3327 B3190 ; Q9999 Q7987\*R ; Q9999 Q7567 ;  
Q9999 Q8231 Q8173 ; B9999 B3747\*R ; K9574 K9483 Polymer Index [2.3] 017 ; D00 F20 O\* 6A  
Co 8B Tr Fe Sm 9A Sr 2A G2915\*R ; R03036 D00 D09 Fe 8B Tr ; A999 A748 ; S9999 S1456\*R ;  
B9999 B5209 B5185 B4740

POLYMER-MULTIPUNCH-CODES-AND-KEY-SERIALS:

Key Serials: 0054 0057 0060 0063 0066 0105 0108 0111 0114 0117 0120 0123 0126 0129 0165  
0168 0180 0226 2319 2525 2541 2542 2555 2649 2651 2702 2764 3285

Multipunch Codes: 017 02& 33& 481 506 54& 641 645 666 694 017 02& 06- 07- 08& 08- 09&  
09- 10& 10- 15- 17& 17- 18& 18- 19& 19- 20& 33& 342 393 479 481 506 54& 575 592 593 641  
645 666 694 725

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1994-075564

Non-CPI Secondary Accession Numbers: N1994-129437

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L16: Entry 149 of 217

File: DWPI

Dec 17, 1984

DERWENT-ACC-NO: 1985-016817  
DERWENT-WEEK: 198503  
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TITLE: Flexible magnetic generator - can be inserted in clothes, belts and footwear for therapeutic purpose

## PATENT-ASSIGNEE:

ASSIGNEE

VISSCHER D J

CODE

VISSI

PRIORITY-DATA: 1983NL-0001728 (May 16, 1983)

## PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
NL 8301728 A	December 17, 1984		004	

## APPLICATION-DATA:

PUB-NO	APPL-DATE	APPL-NO	DESCRIPTOR
NL 8301728A	May 16, 1983	1983NL-0001728	

INT-CL (IPC): A61H 39/00

ABSTRACTED-PUB-NO: NL 8301728A

## BASIC-ABSTRACT:

Magnetic therapy involves the provision of a permanent magnetic field close to the patient's skin near the affected part of the body. This is usually done by attaching permanent rigid magnets by means of bracelets, sticking plaster etc.

The present field generators consist of flexible sheets of magnetic material which can be sewn into clothing or belts, or can be made into footwear sole inserts. The material is made by sandwiching a layer of ferrite powder or beads between two layers of fibre.

ADVANTAGE - Flexible, light and unobtrusive.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: FLEXIBLE MAGNETIC GENERATOR CAN INSERT CLOTHING BELT FOOTWEAR THERAPEUTIC PURPOSE

DERWENT-CLASS: P33 S05

EPI-CODES: S05-A03;

## SECONDARY-ACC-NO:

Non-CPI Secondary Accession Numbers: N1985-011927